

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

Product Name: **EXCALIBUR SCALE INHIBITOR**

Product Use: Scale remover

WHMIS Class: D2B

TDG Classification: Non Regulated

Manufacturer/Supplier: Excalibur Industrial

Address: 1120 McDonald St  
Regina, SK S4P 3C4

Telephone: (306) 569-2781

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

## SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC<sub>50</sub></u>	<u>LD<sub>50</sub></u>
Tetrasodium EDTA	64-02-8	10 - 30	Not available	Not available	303 mg/kg oral, rat

## SECTION III - PHYSICAL DATA

**Boiling Point (°C):** 101  
**Vapour Pressure (mm Hg):** Not available  
**Vapour Density (Air = 1):** Same as water  
**Solubility in Water:** Soluble  
**Physical State:** Liquid  
**Appearance; Odour:** Clear colourless; no distinct odour

**Specific Gravity (H<sub>2</sub>O = 1):** 1.145  
**% Volatile (Wt %):** Not available  
**Evaporation Rate (H<sub>2</sub>O = 1):** Not available  
**pH (As supplied):** 13.2  
**Viscosity:** Slightly viscous

## SECTION IV - FIRE AND EXPLOSION DATA

**Flammability:** Not flammable.  
**Flash Point (°C, TCC):** None      **LEL:** Not applicable      **UEL:** Not applicable  
**Hazardous Combustion Products:** Not applicable  
**Autoignition Temperature (°C):** Not available  
**Means of Extinction:** Carbon dioxide, dry chemical, foam.  
**Special Fire Hazards:** Fire fighters should wear self-contained breathing apparatus.

## SECTION V - REACTIVITY DATA

**Conditions for Chemical Instability:** Stable.  
**Incompatible Materials:** Strong oxidizing agents.  
**Reactivity, and Under What Conditions:** Not applicable  
**Hazardous Decomposition Products:** Oxides of carbon.

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**SECTION VI - TOXICOLOGICAL PROPERTIES**

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**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:**

**Eye:** May cause irritation.

**Skin:** May cause irritation. May cause severe response to skin, if skin is abraded.

**Ingestion:** May cause vomiting, headache and medical problems.

**EFFECTS OF CHRONIC EXPOSURE:**

**Skin:** Prolonged and repeated exposure can cause drying, defatting and dermatitis.

**Irritancy:** Hazardous by WHMIS criteria.

**Respiratory Tract Sensitization:** No data available.

**Carcinogenicity:** Non-hazardous by WHMIS criteria.

**Teratogenicity, Mutagenicity, Reproductive Effects:** Insufficient data available.

**Synergistic Materials:** Not available.

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**SECTION VII- PREVENTATIVE MEASURES**

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**Gloves:** Neoprene or natural rubber. Confirm with a reputable supplier first.

**Eye Protection:** Safety goggles.

**Respiratory Protection:** Not normally required.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** General ventilation normally adequate.

**Leak and Spill Procedure:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.

**Storage and Handling Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials.

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**SECTION VIII - FIRST AID**

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**Eye:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

**Skin:** Immediately flush with cool water for 15 minutes. Obtain medical attention if irritation persists.

**Inhalation:** Move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

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**SECTION IX - PREPARATION INFORMATION**

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**Date:** 06/01/09

**Telephone:** 1-306-569-0636

**MSDS Prepared by:** Excalibur Industrial

**Disclaimer**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).

